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ocket No. 55046 (70207)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): T. C. Walsh, et al.

EXAMINER: K. M. Kerr

SERIAL NO.: 10/017,324

GROUP: 1652

FILED: December 15, 2001

FOR: METHODS FOR PREPARATION OF MACROCYCLIC
MOLECULES AND MACROCYCLIC MOLECULES
PREPARED THEREBY

Mail Stop: Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SIR:

DECLARATION UNDER 37 CFR 1.131

The undersigned declare as follows:

1. We are co-inventors of the above-identified application assigned to the President and Fellows of Harvard College.

2. Prior to September, 2000, we had reduced to practice reactions preparing macrocyclic molecules by contacting a excised thioesterase (TE) domain with a substrate that contained a nucleophile and an activated acyl residue.

3. Prior to September, 2000, we had reduced to practice macrocyclization substrates for use in preparing macrocyclic molecules that contained a nucleophile and an activated thioester group.

4. Prior to September, 2000, such macrocyclization substrates had been contacted in an aqueous media with a purified excised TE domain under conditions conducive to macrocycle formation. As evidence thereof, attached as Exhibit 1 are selected portions of a disclosure of the subject matter of the above-identified application. The disclosure attached as Exhibit 1 was generated, and actual experimental work disclosed therein was performed, prior to September, 2000. Portions of the disclosure attached as Exhibit 1, including specific dates, have been removed.

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5. We hereby further declare that all statements made herein are of our own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, and that such willful false statements may jeopardize the validity of the above-identified application or any patent issued thereon.

Date: _____

John W. Tranger

Date: _____

Rahul M. Kobli

Date: 11-6-2004

R. Kobli

Hemming D. Mootz

Date: 10-6-2004

H. Mootz

Mohamed A. Marahiel

Date: _____

Christopher T. Walsh

Date: _____

Dirk Schwarzer

Date: _____

Michael D. Burkart

BOS2_442602.1

Walsh, et al.
U.S.S.N. 10/017,324
Page 2

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Date: _____

John W. Trauger

Date: _____

Rahul M. Kohli

Date: _____

Henning D. Mootz

Date: _____

Mohamed A. Marahiel

Date: 6/9/04

Christopher Walsh
Christopher T. Walsh

Date: _____

Dirk Schwarzer

Date: _____

Michael D. Burkart

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Date: _____

John W. Trauger

Date: _____

Rahul M. Kohli

Date: _____

Henning D. Mootz

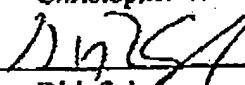
Date: _____

Mohamed A. Marahiel

Date: _____

Christopher T. Walsh

Date: 06/11/2004


Dirk Schwarzer

Date: _____

Michael D. Burkart

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